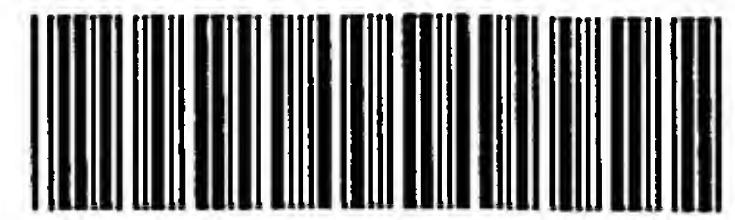


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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/590,680
Source: IFWP
Date Processed by STIC: 9/6/06

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IFWP

RAW SEQUENCE LISTING DATE: 09/06/2006
PATENT APPLICATION: US/10/590,680 **TIME:** 10:18:16

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3 <110> APPLICANT: UWS Ventures Limited
4 Walker, William
5 Hopkin, Julian M
7 <120> TITLE OF INVENTION: Materials and Methods for Treatment of Allergic Disease
9 <130> FILE REFERENCE: RIC/6284012
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/590,680
C--> 12 <141> CURRENT FILING DATE: 2006-08-25
14 <150> PRIOR APPLICATION NUMBER: GB 0404209.9
15 <151> PRIOR FILING DATE: 2004-02-25
17 <160> NUMBER OF SEQ ID NOS: 22
19 <170> SOFTWARE: PatentIn version 3.1
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22 <211> LENGTH: 21
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial sequence
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DATE: 09/06/2006
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116 Arg Leu Tyr Val Asp Phe Pro Gln His Leu Arg His Leu Leu Gly Asp
117 20 25 30
120 Trp Leu Glu Ser Gln Pro Trp Glu Phe Leu Val Gly Ser Asp Ala Phe
121 35 40 45
124 Cys Cys Asn Leu Ala Ser Ala Leu Leu Ser Asp Thr Val Gln His Leu
125 50 55 60
128 Gln Ala Ser Val Gly Glu Gln Gly Glu Gly Ser Thr Ile Leu Gln His
129 65 70 75 80
132 Ile Ser Thr Leu Glu Ser Ile Tyr Gln Arg Asp Pro Leu Lys Leu Val
133 85 90 95
136 Ala Thr Phe Arg Gln Ile Leu Gln Gly Glu Lys Lys Ala Val Met Glu
137 100 105 110
140 Gln Phe Arg His Leu Pro Met Pro Phe His Trp Lys Gln Glu Glu Leu
141 115 120 125
144 Lys Phe Lys Thr Gly Leu Arg Arg Leu Gln His Arg Val Gly Glu Ile
145 130 135 140
148 His Leu Leu Arg Glu Ala Leu Gln Lys Gly Ala Glu Ala Gly Gln Val
149 145 150 155 160

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152 Ser Leu His Ser Leu Ile Glu Thr Pro Ala Asn Gly Thr Gly Pro Ser
 153 165 170 175
 156 Glu Ala Leu Ala Met Leu Leu Gln Glu Thr Thr Gly Glu Leu Glu Ala
 157 180 185 190
 160 Ala Lys Ala Leu Val Leu Lys Arg Ile Gln Ile Trp Lys Arg Gln Gln
 161 195 200 205
 164 Gln Leu Ala Gly Asn Gly Ala Pro Phe Glu Glu Ser Leu Ala Pro Leu
 165 210 215 220
 168 Gln Glu Arg Cys Glu Ser Leu Val Asp Ile Tyr Ser Gln Leu Gln Gln
 169 225 230 235 240
 172 Glu Val Gly Ala Ala Gly Glu Leu Glu Pro Lys Thr Arg Ala Ser
 173 245 250 255
 176 Leu Thr Gly Arg Leu Asp Glu Val Leu Arg Thr Leu Val Thr Ser Cys
 177 260 265 270
 180 Phe Leu Val Glu Lys Gln Pro Pro Gln Val Leu Lys Thr Gln Thr Lys
 181 275 280 285
 184 Phe Gln Ala Gly Val Arg Phe Leu Leu Gly Leu Arg Phe Leu Gly Ala
 185 290 295 300
 188 Pro Ala Lys Pro Pro Leu Val Arg Ala Asp Met Val Thr Glu Lys Gln
 189 305 310 315 320
 192 Ala Arg Glu Leu Ser Val Pro Gln Gly Pro Gly Ala Gly Ala Glu Ser
 193 325 330 335
 196 Thr Gly Glu Ile Ile Asn Asn Thr Val Pro Leu Glu Asn Ser Ile Pro
 197 340 345 350
 200 Gly Asn Cys Cys Ser Ala Leu Phe Lys Asn Leu Leu Leu Lys Lys Ile
 201 355 360 365
 204 Lys Arg Cys Glu Arg Lys Gly Thr Glu Ser Val Thr Glu Glu Lys Cys
 205 370 375 380
 208 Ala Val Leu Phe Ser Ala Ser Phe Thr Leu Gly Pro Gly Lys Leu Pro
 209 385 390 395 400
 212 Ile Gln Leu Gln Ala Leu Ser Leu Pro Leu Val Val Ile Val His Gly
 213 405 410 415
 216 Asn Gln Asp Asn Asn Ala Lys Ala Thr Ile Leu Trp Asp Asn Ala Phe
 217 420 425 430
 220 Ser Glu Met Asp Arg Val Pro Phe Val Val Ala Glu Arg Val Pro Trp
 221 435 440 445
 224 Glu Lys Met Cys Glu Thr Leu Asn Leu Lys Phe Met Ala Glu Val Gly
 225 450 455 460
 228 Thr Asn Arg Gly Leu Leu Pro Glu His Phe Leu Phe Leu Ala Gln Lys
 229 465 470 475 480
 232 Ile Phe Asn Asp Asn Ser Leu Ser Met Glu Ala Phe Gln His Arg Ser
 233 485 490 495
 236 Val Ser Trp Ser Gln Phe Asn Lys Glu Ile Leu Leu Gly Arg Gly Phe
 237 500 505 510
 240 Thr Phe Trp Gln Trp Phe Asp Gly Val Leu Asp Leu Thr Lys Arg Cys
 241 515 520 525
 244 Leu Arg Ser Tyr Trp Ser Asp Arg Leu Ile Ile Gly Phe Ile Ser Lys
 245 530 535 540
 248 Gln Tyr Val Thr Ser Leu Leu Asn Glu Pro Asp Gly Thr Phe Leu

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Input Set : A:\sequence.app
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253		565	570	575
256	Ile Arg Gly Gln Asp Gly Ser Pro Gln Ile Glu Asn Ile Gln Pro Phe			
257		580	585	590
260	Ser Ala Lys Asp Leu Ser Ile Arg Ser Leu Gly Asp Arg Ile Arg Asp			
261		595	600	605
264	Leu Ala Gln Leu Lys Asn Leu Tyr Pro Lys Lys Pro Lys Asp Glu Ala			
265		610	615	620
268	Phe Arg Ser His Tyr Lys Pro Glu Gln Met Gly Lys Asp Gly Arg Gly			
269		625	630	635
272	Tyr Val Pro Ala Thr Ile Lys Met Thr Val Glu Arg Asp Gln Pro Leu			
273		645	650	655
276	Pro Thr Pro Glu Leu Gln Met Pro Thr Met Val Pro Ser Tyr Asp Leu			
277		660	665	670
280	Gly Met Ala Pro Asp Ser Ser Met Ser Met Gln Leu Gly Pro Asp Met			
281		675	680	685
284	Val Pro Gln Val Tyr Pro Pro His Ser His Ser Ile Pro Pro Tyr Gln			
285		690	695	700
288	Gly Leu Ser Pro Glu Glu Ser Val Asn Val Leu Ser Ala Phe Gln Glu			
289		705	710	715
292	720			
293	Pro His Leu Gln Met Pro Pro Ser Leu Gly Gln Met Ser Leu Pro Phe			
296		725	730	735
297	Asp Gln Pro His Pro Gln Gly Leu Leu Pro Cys Gln Pro Gln Glu His			
300		740	745	750
301	Ala Val Ser Ser Pro Asp Pro Leu Leu Cys Ser Asp Val Thr Met Val			
304		755	760	765
305	Glu Asp Ser Cys Leu Ser Gln Pro Val Thr Ala Phe Pro Gln Gly Thr			
308		770	775	780
309	Trp Ile Gly Glu Asp Ile Phe Pro Pro Leu Leu Pro Pro Thr Glu Gln			
312		785	790	795
313	800			
316	Asp Leu Thr Lys Leu Leu Glu Gly Gln Gly Glu Ser Gly Gly			
317		805	810	815
320	Ser Leu Gly Ala Gln Pro Leu Leu Gln Pro Ser His Tyr Gly Gln Ser			
321		820	825	830
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328	<212> TYPE: DNA			
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334	tttgggtggtg gtggtgaaag gggggagggtg ctagcaggc cagccttcaa ctcgctggac	180		
336	agagctacag acctatgggg cctggaagtg cccgctgaga aagggagaag acagcagagg	240		
338	ggttgcgcag gcaacctcca agtcccagat catgtctctg tggggctctgg tctccaagat	300		
340	gccccccagaa aaagtgcagc ggctctatgt cgactttccc caacacctgc ggcattttct	360		
342	gggtgactgg ctggagagcc agccctggga gttcctggc ggctccgacg ccttctgctg	420		

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348	ggacccctg	aagctggtgg	ccactttcag	acaaatactt	caaggagaga	aaaaagctgt	600
350	tatggAACAG	ttccGCCact	tGCCAATGCC	tttccactgg	aagcaggaag	aactcaagtt	660
352	taagacaggc	ttgcggaggc	tgcagcaccc	agttagggag	atccacCCtC	tccgagaAGC	720
354	cctgcagaag	ggggctgagg	ctggccaaGT	gtctctgcac	agcttgatag	aaactcctgc	780
356	taatggact	ggGCCAAGT	aggCCtGGC	catgctactg	caggagacca	ctggagagct	840
358	agaggcagcc	aaAGCCtAG	tgtGAAGAG	gatccagatt	tggAAACGGC	agcagcagct	900
360	ggcagggaa	gtgcCACCGT	ttgaggAGAG	cctggCCCCA	ctccaggaga	ggtgtgaaag	960
362	cctggTggac	atttattccc	agctacAGCA	ggaggtaggg	gcggctggT	gggagottga	1020
364	gcccaAGACC	cgggcATCGC	tgactggCCG	gctggatgaa	gtcctgagaa	ccctcgTCAC	1080
366	cagttgCTTC	ctggTggaga	agcAGCCCCC	ccaggtactg	aagactcaga	ccaagtTCCA	1140
368	ggctggagtt	cgattcCTGT	tgggCTTgag	gttccTGGGG	gccccagCCA	agcctccgct	1200
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372	tggggCTGGA	gcagAAAGCA	ctggAGAAAT	catcaACAAc	actgtGCCt	tggagaACAG	1320
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376	gtgtgAGCGG	aaggGCACTG	agtctgtcac	agaggAGAAG	tgcgtgtgc	tcttctCTGC	1440
378	cagcttcaca	cttggCCCCG	gCAAACtCCC	catccagCTC	caggCCtGT	ctctGCCtCT	1500
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382	tgccTTCTCT	gagatggacc	gcgtGCCtT	tgtggTggCT	gagCgggtgc	cctgggagaa	1620
384	gatgtgtgaa	actctGAACC	tgaagttcat	ggctgaggTg	gggaccaACC	gggggCTGCT	1680
386	cccAGAGCAC	ttcCTtTCC	tggCCAGAA	gatcttcaat	gacaACAGCC	tcaGtATGGA	1740
388	ggcCTTCCAG	caccGTTCTG	tgcctggTC	gcagttcaAC	aaggAGATCC	tgctggCCG	1800
390	tggCTTcACC	ttttggcAGT	ggttGATGG	tgcctggac	ctcacAAAC	gctgtctCCG	1860
392	gagctactgg	tctgaccGGC	tGATCATTG	cttcATCAGC	aaACAGTACG	ttactAGCCT	1920
394	tcttCTCAAT	gagCCCGACG	gaACCTTCT	cctCCGCTTC	agcGACTCAG	agATTggggG	1980
396	catcaccATT	gCCCATGTCA	tccggggCCA	ggatGGCTCT	ccACAGATAG	agaACATCCA	2040
398	gccattCTCT	gCCAAAGACC	tGTCATTG	ctcactgggg	gaccGAATCC	gggatCTTGC	2100
400	tcaGCTAAA	aatCTCTATC	ccaAGAAGCC	caaggatGAG	gctttCCGGA	gccactACAA	2160
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404	ggAAAGGGAC	caACCACtC	ctACCCAGA	gctCCAGATG	cctaccatGG	tgcCTTCTTA	2280
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408	ccaggTGTAC	ccaccACACT	ctcactCCAT	ccccCCGTAT	caaggCCTCT	ccccAGAAGA	2400
410	atcAGTCAAC	gtgtTGTcAG	cTTCCAGGA	gcctCACCTG	cAGATGCC	ccAGCCTGGG	2460
412	ccAGATGAGC	ctGCCCTT	accAGCCTA	ccccCAGGGC	ctgctGCCGT	gccAGCCTA	2520
414	ggAGCATGCT	gtgtCCAGCC	ctGACCCCT	gctctGCTCA	gatgtGACCA	tggTggAAGA	2580
416	cAGTGCCTG	agccAGCCAG	tgacAGCCT	tcctcaggGC	acttggATTG	gtGAAGACAT	2640
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VERIFICATION SUMMARY
PATENT APPLICATION: US/10/590,680

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date